Contents of Volume 45

Volume 45 No. 1 July (I) 1998

S. MAJID / Quantum Double for Quasi-Hopf Algebras 1–9
ANATOLY N. KOCHUBEI / Harmonic Oscillator in Characteristic p 11–20
ALEXANDER KOGAN / Deformations of the Classical W-Algebras Associated to D_n, E_6 and G_2 21–31
S. ALBEVERIO, L. DĄBROWSKI and P. KURASOV / Symmetries of Schrödinger Operator with Point Interactions 33–47
MARTIN BORDEMANN, HARTMANN RÖMER and STEFAN WALDMANN / A Remark on Formal KMS States in Deformation Quantization 49–61
L. BONORA, S. KRIVONOS and A. SORIN / The $N = 2$ Supersymmetric Matrix GNLS Hierarchies 63–79
KÁROLY BÖRÖCZKY, JR. and UWE SCHNELL / Wulff Shape for Nonperiodic Arrangements 81–94

Volume 45 No. 2 July (II) 1998

B. ENRIQUEZ / Dynamical r-Matrices for Hitchin's Systems on Schottky Curves 95–104
PREETI PARASHAR / Jordanian $U_{h,s}gl(2)$ and its Coloured Realization 105–112
S. M. SERGEEV / Solutions of the Functional Tetrahedron Equation Connected with the Local Yang–Baxter Equation for the Ferro-Electric Condition 113–119
GIUSEPPE GAETA and PAOLA MORANDO / Reducible Connections in Gauge Theories 121–129
V. P. BELAVKIN / On Quantum Itô Algebras and Their Decompositions 131–145
REINHARD HONEGGER and ALFRED RIECKERS / Coherence Properties of Squeezed Photon States 147–159
RICHARD KERNER and BERND NIEMEYER / Covariant q-Differential Calculus and its Deformation at $q^N = 1$ 161–176
D. O'KEEFFE / An SO(3) Gauged Skryme Model on R^3 177–183

Volume 45 No. 3 August 1998

VOJKAN JAKŠIĆ and STANISLAV MOLCHANOV / On the Spectrum of the Surface Maryland Model 185–193

J. LACHAPELLE and M. LEGARÉ / Super-Matrix KdV and Super-Generalized NS Equations from Self-Dual Yang–Mills Systems with Supergauge Groups 195–202

A. I. NESTEROV / On Vortex Dynamics in the Self-Dual Chern–Simons–Higgs System 203–216

A. V. KARABEGOV / On the Canonical Normalization of a Trace Density of Deformation Quantization 217–228

TRISTAN RIVIÈRE / A Remark on the Use of Differential Forms for the Skyrme Problem 229–238

KAI HING LUM and VICTOR TAN / Intertwining Operators for Vertex Representations of Toroidal Lie Algebras 239–246

M. A. LLEDÓ and V. S. VARADARAJAN / SU(2) Poisson–Lie T Duality 247–257

SEBASTIANO CARPI / Absence of Subsystems for the Haag–Kastler Net Generated by the Energy-Momentum Tensor in Two-Dimensional Conformal Field Theory 259–267

ALEXANDROS PATSOURAKOS / Tensor Calculus in the Free Lie Algebra 269–276

Volume 45 No. 4 September 1998

MARKUS J. PFLAUM / A Deformation-Theoretical Approach to Weyl Quantization on Riemannian Manifolds 277–294

UGO BRUZZO and GUIDO SANGUINETTI / Mirror Symmetry on K3 Surfaces as a Hyper-Kähler Rotation 295–301

ALDO PROCACCI, BERNARDO N. B. DE LIMA and BENEDETTO SCOPPOLA / A Remark on High Temperature Polymer Expansion for Lattice Systems with Infinite Range Pair Interactions 303–322

HAJIME MORIYA and AERNOUT VAN ENTER / On Thermodynamic Limits of Entropy Densities 323–330

JINTAI DING and SERGEI KHOROSHKIN / On the FRTS Approach to Quantized Current Algebras 331–352

B. BOOSS-BAVNBEK, S. G. SCOTT and K. P. WOJCIECHOWSKI / The ζ-Determinant and $\mathcal{C}$-Determinant on the Grassmannian in Dimension One 353–362

PHILIPPE BONNEAU / Fedosov Star Products and One-Differentiable Deformations 363–376